



2003

How the World Survived the Population Bomb: An Economic Perspective 2003-04

Department of Economics

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**Werner Sichel Economics
Lecture-Seminar Series
Academic Year 2003-2004**
Department of Economics
College of Arts and Sciences
Western Michigan University
1903 West Michigan Avenue
Kalamazoo, Michigan, 49008-5330

"The Economics of Sustainable Development" is the 40th annual Public Lecture-Seminar Series organized by the Department of Economics at Western Michigan University. Sustainable development can be broadly defined as a pattern of development that enables future generations to live as well as the current generation. The series explores the contribution of economic science to sustainable development from the various dimensions. This year's series also coincides with the University's Centennial. The series is directed by Professor Sisay Asefa of the WMU Economics Department, and is co-sponsored by the W.E. Upjohn Institute for Employment Research. The public is cordially invited to attend the lectures at no admission charge. In addition to a public lecture, each guest scholar will present an academic seminar, aimed at the economics faculty and graduate students. For additional information, please contact Professor Sisay Asefa at Tel: (269) 387-5556 or E-mail him at asefa@wmich.edu, or call the Economics Department Office at Tel: (269) 387-5535.

The Lecture-Seminar Series is coordinated with a graduate/advanced undergraduate course, Guest Economist Seminar (ECON 591, 592) under the supervision of Professor Asefa. The courses are offered during the Fall and the Spring semesters for one academic credit to students enrolled at the University.

Travel Directions: From I-94, take U.S. 131 north to Exit 36A (Stadium Drive). Travel east on Stadium Drive to the fourth traffic light at Howard Street. Turn left onto Howard and take the second right to the WMU campus. Follow the signs to the Miller Auditorium parking ramp. Knauss Hall is the dark brick building opposite the Waldo Library clock tower.



WESTERN MICHIGAN UNIVERSITY

**Department of Economics
College of Arts and Sciences
Werner Sichel Lecture-Seminar Series
Academic Year 2003-2004**

The Economics of Sustainable Development

Public Lectures on Wednesdays
3:00 p.m., 3508 Knauss Hall

Malcolm Gillis
Rice University
September 24, 2003

E. Wayne Nafziger
Kansas State University
October 15, 2003

Vernon W. Ruttan
University of Minnesota
November 5, 2003

David Lam
University of Michigan-Ann Arbor
December 3, 2003

Theodore Panayotou
Harvard University
February 11, 2004

Daniel W. Bromley
University of Wisconsin-Madison
March 24, 2004

The Department of Economics and the College of Arts and Sciences gratefully acknowledge the co-sponsorship of this series by the W.E. Upjohn Institute for Employment Research, Kalamazoo, Michigan. The series is directed by Professor Sisay Asefa, with the assistance of Professors Jon Neill, Bassam Harik, and George Erickeck.

Some Understudied Dimensions of Sustainability



Wednesday
September 24, 2003
3:00 P.M.
3508 Knauss Hall, WMU

Malcolm Gillis
Ervin Kenneth Zinger Professor of
Economics and President
Rice University

Malcolm Gillis is Ervin Kenneth Zinger Professor of Economics, and President of Rice University. He spent the first 25 years of his professional life teaching economics and bringing economic analysis to bear on important issues of public policy in nearly 20 countries.

Professor Gillis' publications and teaching activities fall into two broad categories: fiscal economics and environmental policy. He has published over 70 journal and book articles. He is the author, co-author, or editor of 8 books, including a widely acclaimed 1988 publication, *Public Policies and the Misuse of Forest Resources, Tax Reform in Developing Countries*, 1989, and a leading textbook, *Economics of Development*, now available in five languages. For five years he was co-editor of the oldest economics journal, the *Quarterly Journal of Economics*. He served as a member of the Governor's Council of Advisers for the State of Alaska for three years, and as a board member of the American Forestry Association for several years. In 1990-91, he chaired the Economic Future Commission for the Governor and General Assembly of the State of North Carolina. He is a director of the Federal Reserve Bank of Dallas. He has served as a member of the Executive Committee and the chair of the Tax Committee of the Association of American Universities. He was a Distinguished Fulbright Professor, Catholic University of Chile. Since 1999 he has been a director of the Council for Higher Education Accreditation and the Business and Higher Education Forum. He is also a founding director of International University of Bremen in Germany.

Professor Gillis co-founded the Center for World Environment and Sustainable Development and the Duke Center for Tropical Conservation. In 1997, he was named to the National Academy of Sciences Board on Sustainable Development and to the Board of Directors of the National Council for Science and Environment. Until assuming university leadership roles, he was a frequent consultant to the state of Alaska, the U.S. Treasury Department, the Canadian Ministry of Finance, the World Bank, the Ford Foundation, Oak Ridge National Laboratory, the Governments of Columbia, Ecuador, Bolivia, and the Government of Indonesia, where he conducted studies leading to a fundamental reform of the entire tax system in 1983.

Professor Gillis received his B.A. and M.A. degrees from the University of Florida, and his Ph.D. from the University of Illinois. He holds an honorary Doctor of Laws from Rocky Mountain College. His first academic position was an assistant professor of economics at Duke University, followed by a 15-year stint at Harvard University. He returned to Duke as professor of Economics and public policy. In 1990, he was named a Distinguished Professor in Public Policy. In July 1993, Professor Gillis became the sixth president of William Marsh Rice University.

Economic Development, Inequality, and War



Wednesday
October 15, 2003
3508 Knauss Hall, WMU

E. Wayne Nafziger
University Distinguished Professor of
Economics
Kansas State University

E. Wayne Nafziger is University Distinguished Professor of Economics at Kansas State University. He has authored or co-authored about 15 books, including *Economics of Developing Countries* (Cambridge University Press, 4th edition, 2004), *Economic Development, Inequality, and War: The Sources of Humanitarian Emergencies*, Palgrave/Macmillan, 2003, *Learning from the Japanese: Japan's Prewar Development and the Third World*, M.E. Sharpe, 1995, *The Debt Crisis in Africa*, Johns Hopkins University Press, 1993 (nominated for the Political economy Best Book Award by the American Political Science Association), and *Inequality in Africa: Political Elites, Proletariat, Peasants and the Poor*, Cambridge University Press, 1988 (named a Choice Outstanding Academic Book for 1989-90).

Professor Nafziger has been Senior Research Fellow at United Nations University's World Institute for Development Economics (WIDER), Helsinki, Hewlett Visiting Fellow, The Carter Center; Visiting Professor, International University of Japan; Visiting Scholar, University of Cambridge; Fellow, East-West Center, Honolulu; Visiting Fulbright Professor to India. He has made presentations at the Soviet Academy of Sciences (Moscow), International Technology and Economy Institute (Beijing), International Centre for Theoretical Physics (Trieste), Czech Academy of Sciences (Prague), Stockholm School of Economics, and U.S. Department of State Conference on Nigeria. He has also served on editorial boards of several major journals. He has been at Kansas State University since 1966 where he received the Edgar S. Bagley Research Award, the Institute for Social and Behavior Research Senior Faculty Award for research excellence, and the Commerce Bank Distinguished Graduate Faculty Member award.

Professor Nafziger is a member of many professional organizations including the American Economic Association, the Society of International Development, the Association for Comparative Economic Studies, and Omicron Delta Epsilon and Phi Kappa Phi honoraries. He received his B.A. degree from Goshen College, his Masters degree from the University of Michigan, and his Ph.D. in economics from the University of Illinois.

2003-2004

Scientific and Technical Constraints on Sustainable Growth in Agricultural Production



Wednesday
November 5, 2003
3:00 P.M.
3508 Knauss Hall, WMU

Vernon W. Ruttan
Regents Professor in the Department of
Economics and Applied Economics
Adjunct Professor in the Hubert H.
Humphrey Institute of Public Affairs
University of Minnesota

Vernon W. Ruttan is Regents' Professor Emeritus in the Department of Economics and Applied Economics, and an Adjunct Professor in the Hubert H. Humphrey Institute of Public Affairs at the University of Minnesota.

Professor Ruttan's research has been in the field of agricultural development, resource economics, and research policy. He is the author of several books including *Agriculture, Environment, and Health: Sustainable Development in the 21st Century*, University of Minnesota Press, 1994; and *U.S. Development Assistance Policy: The Domestic Policy of Foreign Aid*, Johns Hopkins Press, 1996. His book, *Agricultural Development: An International Perspective*, (with Yujiro Hayami) published by the Johns Hopkins University Press, 1971 and 1985, has become a basic reference in the field of the economics of agricultural development. He has recently authored a book, *Technology, Growth and Development: An Induced Innovation Perspective* (Oxford University Press, 2001). He is currently writing a book, *Social Science Knowledge and Economic Development* to be published by the University of Michigan Press, 2003.

Professor Ruttan has served on a number of advisory committees and boards, including the Research Advisory Committee of the U.S. Agency for International Development, the Technical Advisory Committee to the Consultative Group on International Agricultural Research, and Board of Directors of the International Service for National Agricultural Research. He also served on the Board on Global Change and the Board on Sustainable Development of the National Research Council.

He has been recognized by the American Agricultural Economics Association (AAEA) with six awards for published research. He has served as president of the American Agricultural Economics Association, 1971-72. He was elected as a Fellow of the AAEA in 1974, the American Academy of Arts and Sciences in 1976, and the American Association for the Advancement of Science in 1986. In 1990, he was elected to the membership in the National Academy of Sciences. He holds honorary degrees from Rutgers University, Christian Albrechts University of Kiel and Purdue University. He received the Alexander von Humboldt Award for outstanding contributions to Agriculture in 1984, and the U.S. Department of Agriculture Distinguished Service Award in 1986. Professor Ruttan attended Michigan State University and completed his bachelor's degree at Yale University. He earned his masters and Ph.D. degrees in economics from the University of Chicago.

How the World Survived the Population Bomb: An Economic Perspective



Wednesday
December 3, 2003
3:00 P.M.
3508 Knauss Hall, WMU

David Lam
Professor of Economics and Senior
Research Scientist in the Population
Studies Center
The University of Michigan-Ann Arbor

David Lam is Professor in the Department of Economics and Senior Research Scientist in the Population Studies Center at the University of Michigan. Professor Lam's research focuses on the interaction of economics and demography in developing countries, including the analysis of the economics of population growth, fertility, marriage and aging. He has worked extensively in Brazil, where his research analyzes links between education, labor markets, and income inequality. He was a Fulbright visiting researcher at the Institute for Applied Economic Research in Rio de Janeiro in 1989-90. He was a Fulbright visiting professor at the University of Cape Town, where he worked with faculty of that university on a series of collaborative research and training programs. He is currently the Principal Investigator of the Cape Area Panel Study; a National Institute of Health supported longitudinal survey of young people in Cape Town. His current research includes comparative analysis of income inequality in Brazil and South Africa.

Professor Lam has published widely in leading economics and demography journals. His publications include "the Dynamics of Population Growth, Differential Fertility, and Inequality" *American Economic Review*, 1986; "Declining Inequality in Schooling in Brazil and Its Effect on Inequality in Earnings" *Journal of Development Economics*, 1992 (with Deborah Levison); Effects of Family Background on Earnings and Returns to Schooling: Evidence From Brazil", *Journal of Political Economy*, 1993 (with Robert Schoeni); "Demographic Variables and Income", *Journal of Human Resources*, 1999, (with Suzanne Duryea).

Professor Lam has been on the economics faculty of the University of Michigan since 1983. He has served for many years as coordinator of the program in economic demography, a joint program between the Population Studies Center and the Department of Economics. He was Director of the Population Studies Center from 1994 to 2003. He has also been Director of the Michigan Center on the Demography of Aging. He has been a member of the Board of Directors of the Population Association of America, and has served as an advisor or consultant to the World Bank, the U.S. National Institute of Health, the United Nations Population Division, and the South African Human Sciences Research Council. He is currently a member of the Committee on Population of the U.S. National Academy of Sciences. Professor Lam received his M.A. in demography and a Ph.D. in economics from the University of California, Berkeley.

Economic Growth and the Environment



Wednesday
February 11, 2004
3:00 P.M.
3508 Kanuss Hall, WMU

Theodore Panayotou
John Sawhill Lecturer of
Environmental Policy
Harvard University

Theodore Panayotou is the John Sawhill Lecturer of Environmental Policy at Harvard University's John F. Kennedy School of Government. He specializes in natural resource management and environmental economics as they relate to economic development. At Harvard, he is developing a research program on natural resources and environmental management, and he is lecturing on environmental economics.

Dr. Panyotou has served as consultant of several international organizations and advisor to many governments from Southeast Asia to Latin America and from the Middle East to Eastern Europe on issues of environmental policy and sustainable development. He served as member of the National Academy of Science Biodiversity Research Panel, the Pew Scholars Program in Conservation and Environment, the Harvard University Committee on Environment, and the Board of the Center for Tropical Forest Science of the Smithsonian Institute.

Dr. Panyotou received the Society for Conservation Biology's Distinguished Achievement Award in 1991. He is the author of *Green Markets and Instruments of Change: Motivating and Financing Sustainable Development*. He is the co-author of numerous scholarly publications, including *Not by Timber Alone: Economics and Ecology for Sustaining Tropical Forests*; and editor of *Environment for Growth and Economics of Environment in Transition*.

Dr. Panyotou received his MA from York University in Toronto, and his Ph.D. from the University of British Columbia, Vancouver, Canada.

Property Rights and the Urgent Challenge of Environmental Sustainability



Wednesday
March 25, 2004
3:00 P.M.
3508 Knauss Hall, WMU

Daniel W. Bromley
Anderson Bascom Professor of Applied
Economics
The University of Wisconsin-Madison

Daniel W. Bromley is Anderson-Bascom Professor of applied economics at the University of Wisconsin-Madison. Professor Bromley has published extensively on the institutional foundations of the economy; the legal and philosophical dimensions of property rights; economics of natural resources and the environment; and economic development. He has been editor of the journal *Land Economics* since 1974. He is a member of the Editorial Board of *Journal of Environment and Development Economics* and *Ecological Economics*. He is a fellow of the American Agricultural Economics Association, and is listed in Who's Who in Economics.

Professor Bromley has authored and edited eleven books, the most recent of which are: *Economics, Ethics, and Environmental Policy*, Blackwell, 2002 (with Jouni Paavila), *Sustainable Development: Environmental Resources in Developing Countries*, Elgar, 1999, *The Handbook of Environmental Economics*, Blackwell, 1995, *The Social Response to Environmental Risk*, Kluwer, 1992 (with Kathleen Segerson), *Environment and Economy: Property Rights and Public Policy*, Blackwell, 1991 and *Economic Interests and Institutions: Conceptual Foundations of Public Policy*, Backwell, 1989. He is currently writing a book, *Sufficient Reason: A Theory of Economic Institutions*.

Professor Bromley has been a consultant to the Global Environment Facility, the World Bank; the Ford Foundation; the U.S. Agency for International Development; the Asian Development Bank; the Organization for Economic Cooperation and Development (OECD); the Ministry for Environment in New Zealand. He has worked and lectured in many countries including Russia, Finland, Norway, Sweden, France, Germany, England, South Africa, Pakistan, Indonesia, the Dominican Republic, the Philippines, New Zealand, Thailand, Haiti, India, and Sudan.

Professor Bromley received his BA degree in Range Ecology from Utah State University, and his M.S. and Ph.D. degrees in Natural Resource Economics from Oregon State University.